

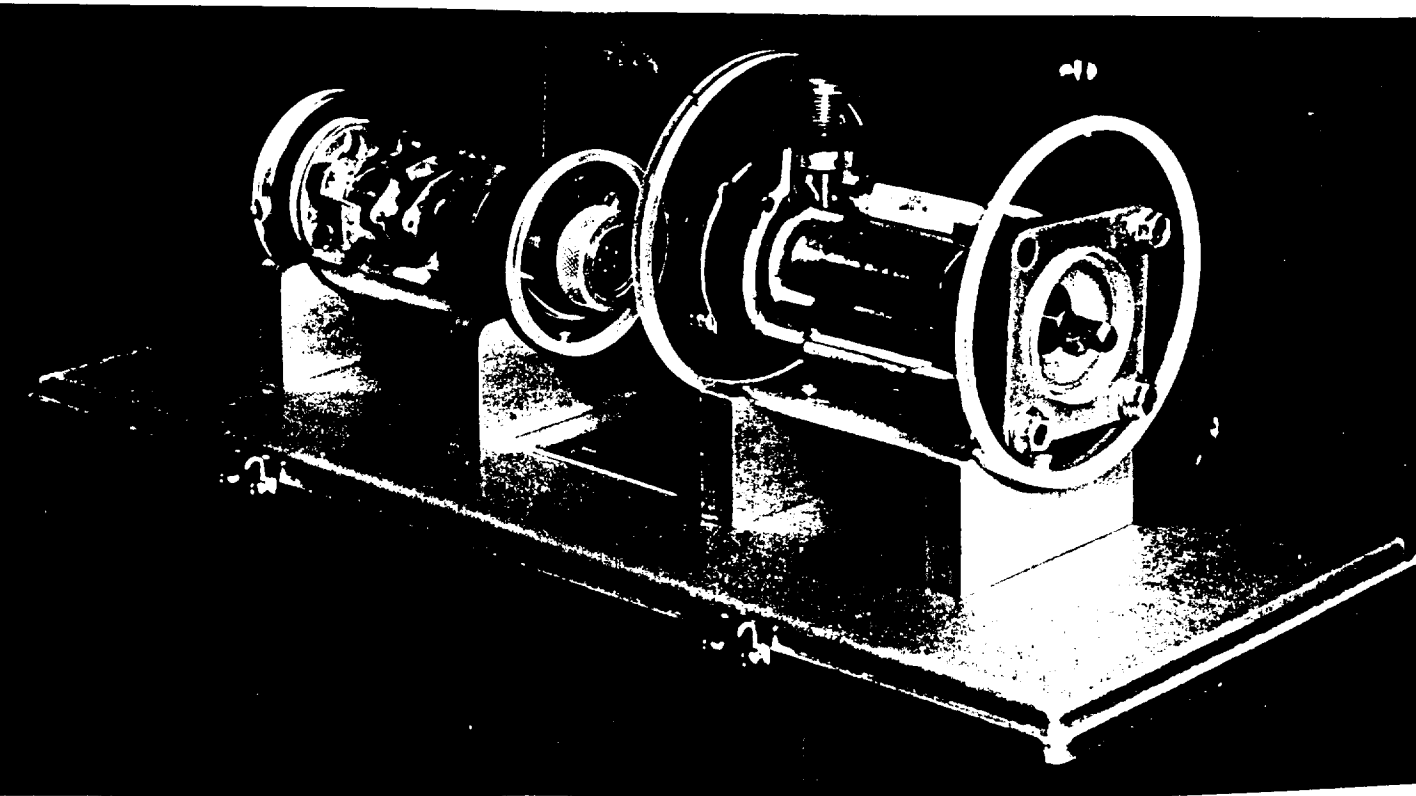
SUMMARY OF  
AIRCRAFT TACHOMETER TRAINER

OCTOBER 1995

DEVICE 6E35

NAVAL AIR WARFARE CENTER  
TRAINING SYSTEMS DIVISION

ORLANDO, FLORIDA



**TRAINING CATEGORY:**

Basic Science (tachometer)

**ORIGINATING AGENCY:**

CNO/AIR

**SECURITY CLASSIFICATION  
OF DEVICE:**

Device 6E35 is unclassified.

**PURPOSE OF DEVICE:**

To provide a visual example of  
an aircraft tachometer.

**INTENDED USE:**

By observing the cutaway model  
of the aircraft tachometer,  
students learn about the  
components that make up the  
equipment, as well as how each  
component works. Students can  
observe the rotation of the  
tachometer rotary shaft.

#### FUNCTIONAL DESCRIPTION:

Device 6E35 is a teaching aid that consists of a real aircraft tachometer indicator and generator. Large sections of the housing of each component have been removed to enable students to identify the internal components. The tachometer generator and indicator are enclosed in clear acrylic cylinders.

The trainer unit is contained within an aluminum case. The case has a flat base and a hinged, one-piece, box-type lid with a handle for transport. The lid is removable and has two latches that secure it to the base of the trainer.

#### PHYSICAL INFORMATION:

##### Dimensions:

16.50" x 6.75" x 6.38"

Weight: approximately 30 lb

#### EQUIPMENT REQUIRED (Not supplied):

None.

#### POWER REQUIREMENTS:

None.

#### INSTALLATION REQUIREMENTS:

None.

#### PUBLICATIONS FURNISHED:

6E33/34/35 Operation and Maintenance Guide, P-7196 (U)

6E33/34/35 Training System Utilization Handbook, P-7197 (U)

#### PERSONNEL REQUIREMENTS:

Instructor (Chief or 1st Class Petty Officer)

Trainees (Class of up to 30 students)

#### CONTRACT IDENTIFICATION:

Manufactured by Essex Corporation, Space and Defense Division, Huntsville, Alabama, under NAVAIRWARCENTRASYS DIV Contract No. N61339-94-C-0035

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